



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1410
Alexandria, Virginia 22313-1410
www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 4890

SERIAL NUMBER 10/715,604	FILING DATE 11/17/2003 RULE	CLASS 324	GROUP ART UNIT 2858	ATTORNEY DOCKET NO. DCI-5D4
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

APPLICANTS

Rudolf Zeller, Renton, WA;

John E. Mercer, Kent, WA;

**** CONTINUING DATA *******

This application is a DIV of 10/132,654 04/24/2002 PAT 6,677,768
which is a DIV of 09/547,120 04/11/2000 PAT 6,400,159
which is a DIV of 08/986,294 12/06/1997 PAT 6,066,955
which is a DIV of 08/564,587 11/29/1995 PAT 5,726,359

} Yes/U.N

**** FOREIGN APPLICATIONS *******

None/U.N

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

**** 02/12/2004**

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature <i>N. Zeller</i> Initials	STATE OR COUNTRY WA	SHEETS DRAWING 7	TOTAL CLAIMS 2	INDEPENDENT CLAIMS 1
--	---	---------------------------	------------------------	----------------------	----------------------------

ADDRESS

21833
PRITZKAU PATENT GROUP, LLC
993 GAPTER ROAD
BOULDER, CO
80303

TITLE

Orientation sensor especially suitable for use in an underground boring device

FILING FEE

RECEIVED
385

FEES: Authority has been given in Paper
No. _____ to charge/credit DEPOSIT ACCOUNT
No. _____ for following:

- ☐ All Fees
☐ 1.16 Fees (Filing)
☐ 1.17 Fees (Processing Ext. of time)
☐ 1.18 Fees (Issue)
☐ Other